

FIG. 1
PRIOR ART

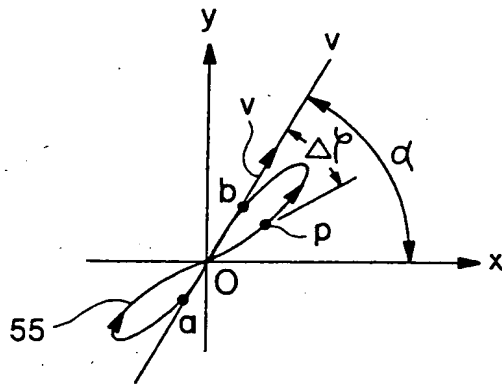


FIG. 2

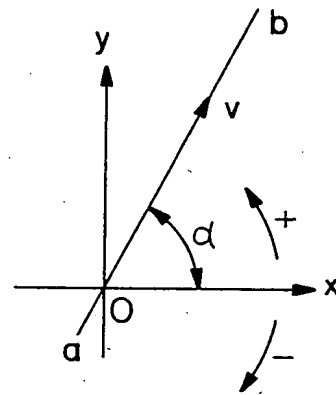


FIG. 3

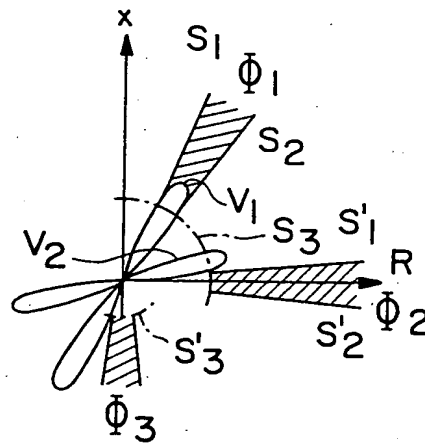
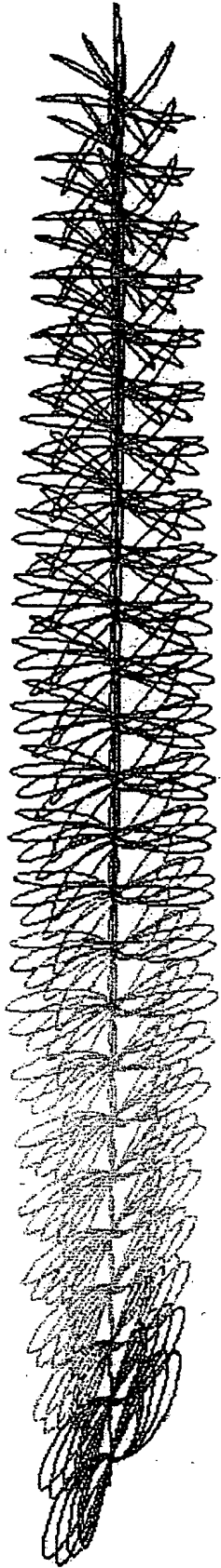


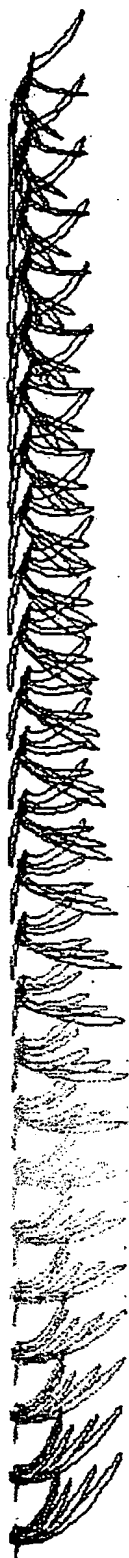
FIG. 4



kHz	11	12	13	14	16	17	19	20	22	24	26	29	31	34	37	40	44	48	52	57	62	68	74	81	88
	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y

FIG. 5

kHz 11 12 13 14 16 17 19 20 22 24 26 29 31 34 37 40 44 48 52 57 62 68 74 81 88



a b c d e f g h i j k l m n o p q r s t u v w x y

FIG. 6

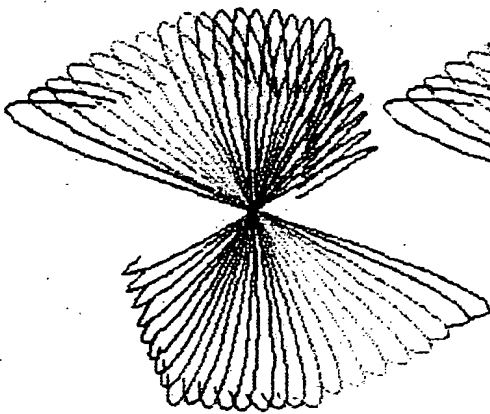


FIG. 7a

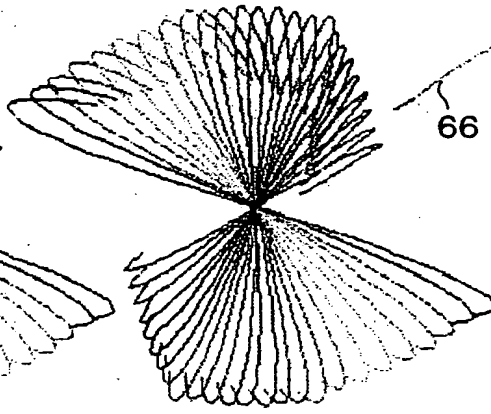


FIG. 7b

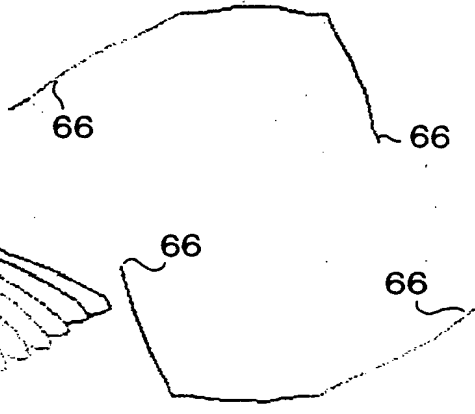


FIG. 7c

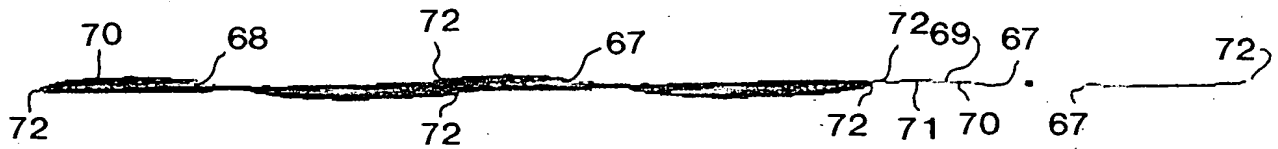


FIG. 8a

FIG. 8b

FIG. 8c

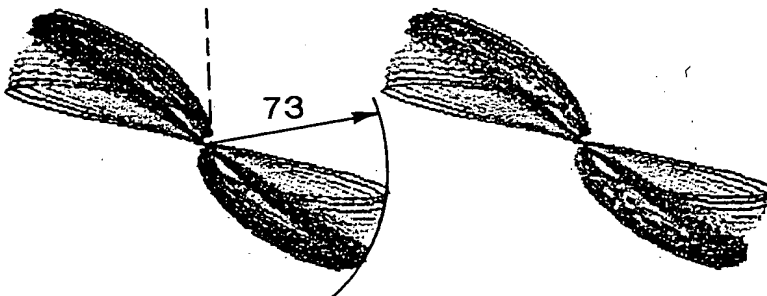


FIG. 9a

FIG. 9b

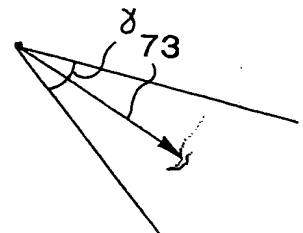


FIG. 9c

BEST AVAILABLE COPY



FIG. 10a



FIG. 10b

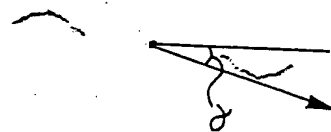


FIG. 10c



FIG. 11a

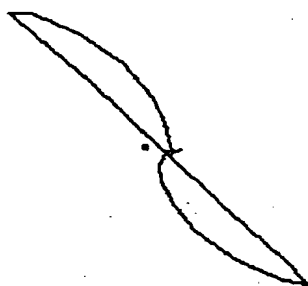


FIG. 11b



FIG. 11c

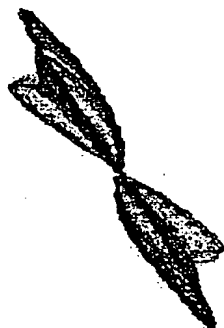


FIG. 12a

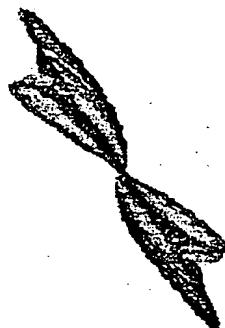


FIG. 12b

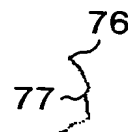


FIG. 12c



FIG. 10c



FIG. 11c

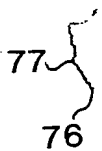
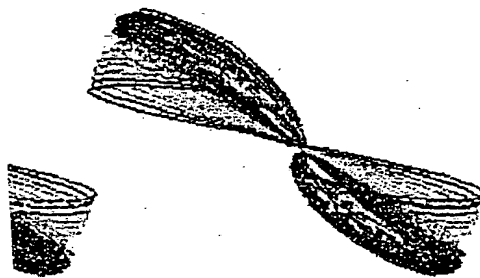


FIG. 12c



a

FIG. 13b

FIG. 13c

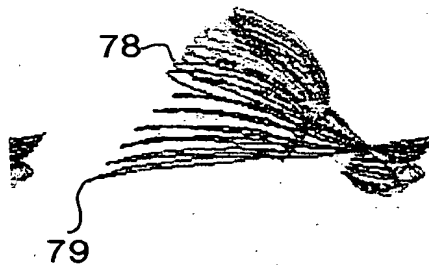


FIG. 14b



FIG. 14c

BEST AVAILABLE COPY

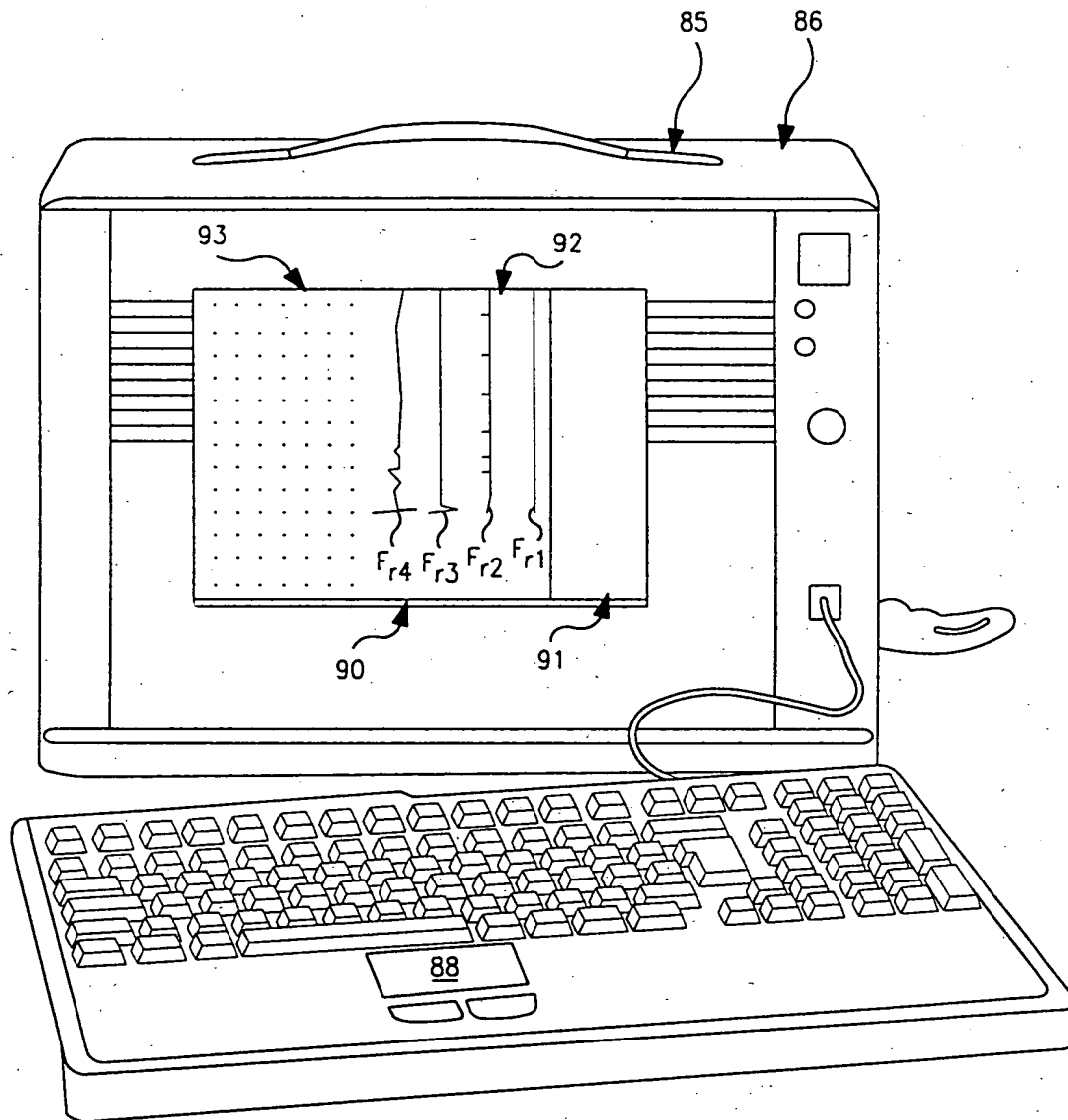
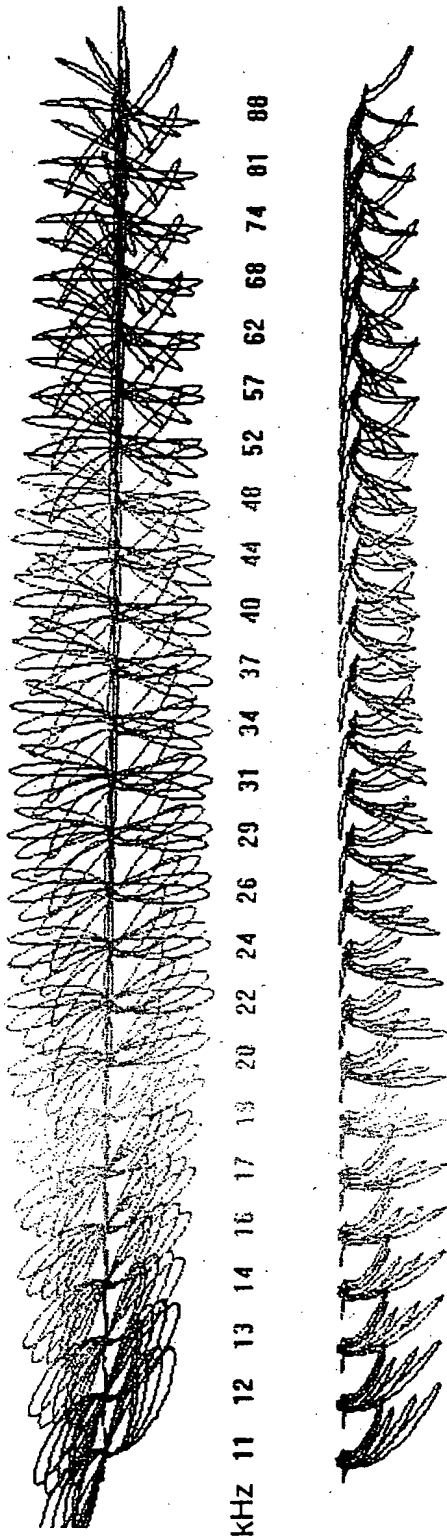
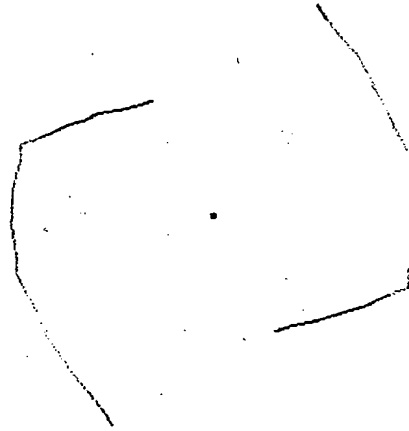
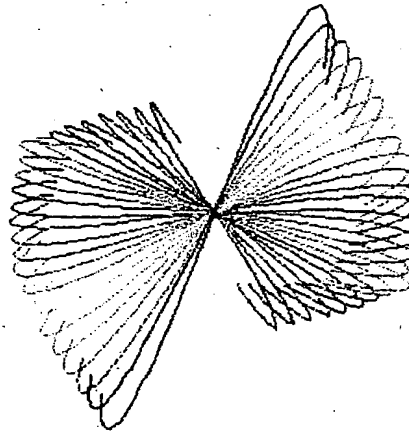
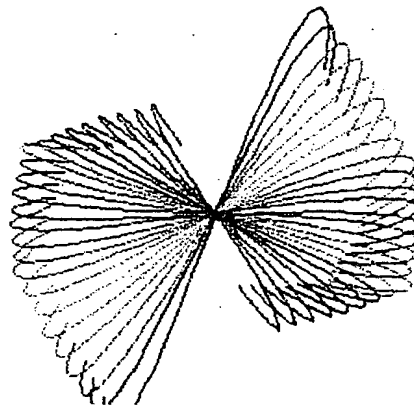


FIG. 15a



kHz 11 12 13 14 16 17 19 20 22 24 26 29 31 34 37 40 44 48 52 57 62 68 74 81 88



93

Mag Angle
447 111
-235 130
-53 117

44 kHz
Range
Range%
Slope

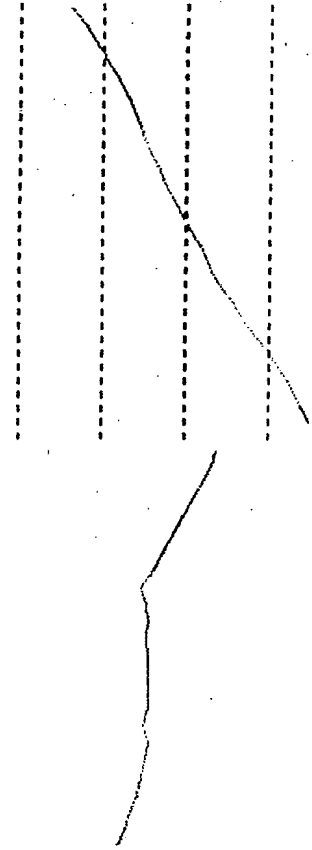


FIG. 15b

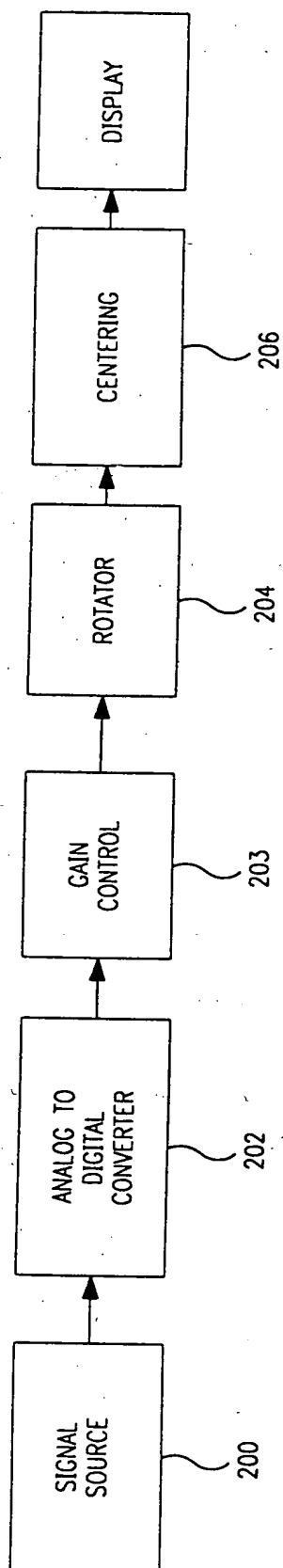


FIG. 16

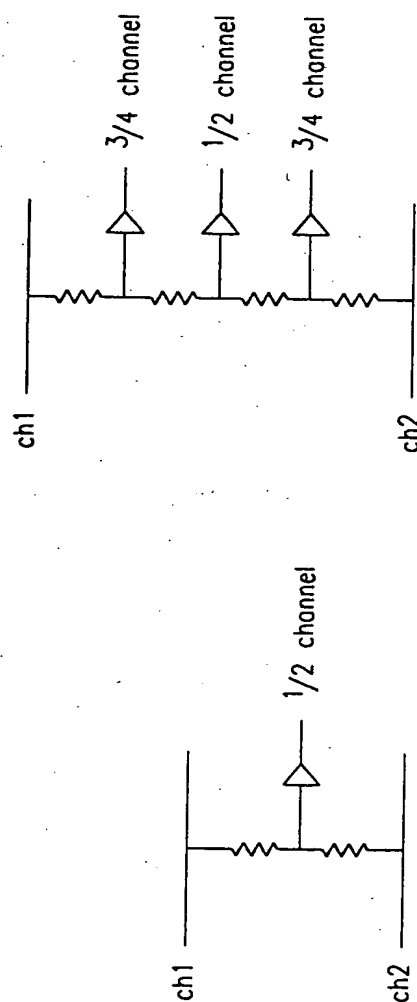


FIG. 17a

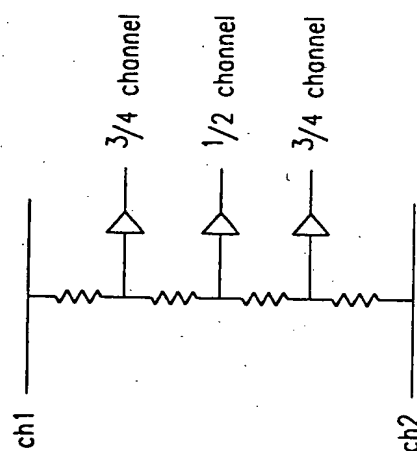


FIG. 17b

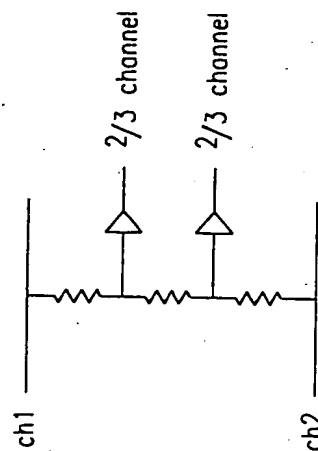


FIG. 17c

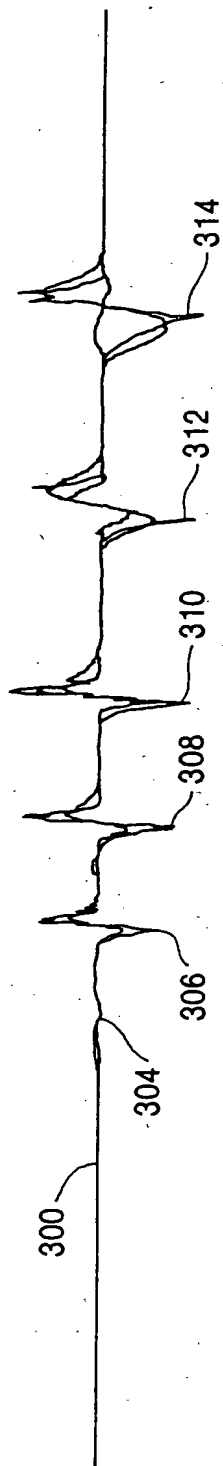


FIG. 18a

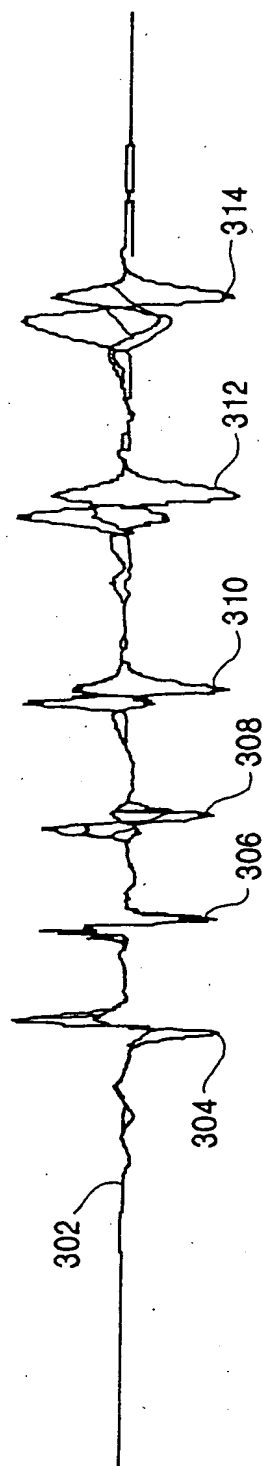


FIG. 18b